

Title (en)

Ambient Compensator for thermal overload relay.

Title (de)

Umgebungskompensator für thermisches Überlastrelais.

Title (fr)

Compensateur des effets ambiants pour un relais thermique de surcharge.

Publication

EP 0384156 A2 19900829 (EN)

Application

EP 90101610 A 19900126

Priority

- IN 79CA1990 A 19900129
- US 31252189 A 19890221

Abstract (en)

A one piece member (28) rests against a cam surface (12a) at a first end (28a) and against an adjustable pivot (30) at a second end (28b), biased thereagainst by an integral cantilever spring (28d) of said member, the distal end of which is interlocked in a deflected position to a hook (2g) formed in a housing. One end of a bimetal strip (6) is riveted to the second end (28b) of the one piece member (28), the position of the other end of the bimetal strip being determined by manual adjustment of the pivot (30) and the cam (12a).

IPC 1-7

H01H 71/16; **H01H 83/22**

IPC 8 full level

H01H 61/01 (2006.01); **H01H 37/10** (2006.01); **H01H 61/00** (2006.01); **H01H 71/16** (2006.01); **H01H 71/74** (2006.01); **H01H 73/22** (2006.01); **H01H 83/22** (2006.01)

CPC (source: EP US)

H01H 71/162 (2013.01 - EP US); **H01H 83/223** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

US 4891621 A 19900102; AU 4992090 A 19900830; AU 619150 B2 19920116; CA 2008939 A1 19900821; CA 2008939 C 19970318; DE 69006865 D1 19940407; DE 69006865 T2 19940818; EP 0384156 A2 19900829; EP 0384156 A3 19910904; EP 0384156 B1 19940302; ES 2050285 T3 19940516; IN 172389 B 19930710; JP 2554286 B2 19961113; JP H02273432 A 19901107

DOCDB simple family (application)

US 31252189 A 19890221; AU 4992090 A 19900220; CA 2008939 A 19900130; DE 69006865 T 19900126; EP 90101610 A 19900126; ES 90101610 T 19900126; IN 79CA1990 A 19900129; JP 4085990 A 19900221